

**METHOD AND APPARATUS FOR PROVIDING A DISTRIBUTED  
ARCHITECTURE DIGITAL WIRELESS COMMUNICATION SYSTEM**

**Abstract of the Disclosure**

5 A communication system supports H-ARQ, AMC, active set handoff, and  
scheduling functions in a distributed fashion by allowing a mobile station (MS) to signal  
control information corresponding to an enhanced reverse link transmission to *Active Set*  
base transceiver stations (BTSs) and by allowing the BTSs to perform control functions  
that were supported by an RNC in the prior art. The communication system allows time  
and SIR-based H-ARQ flush functions at the BTSs during soft handoff (SHO), provides  
10 an efficient control channel structure to support scheduling, H-ARQ, AMC functions for  
an enhanced reverse link, or uplink, channel in order to maximize throughput, and  
enables an MS in a SHO region to choose a scheduling assignment corresponding to a  
best TFRI out of multiple assignments it receives from multiple active set BTS. As a  
result, the enhanced uplink channel can be scheduled during SHO without any explicit  
15 communication between the BTSs.